

Converting Colors

XYZ(17.0623, 10.9499, 23.8583)

Have a look what the booklet for
XYZ(17.0623, 10.9499, 23.8583)
contains.

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Color

**XYZ(17.0651, 10.9390,
23.7663)**

Conversions

Conversions Part 1

Format	Color
Hex	8D3F86
RGB	141, 63, 134
RGB Percent	55%, 25%, 53%
CMY	0.4471, 0.7529, 0.4745
CMYK	0.00, 0.55, 0.05, 0.45
HSL	305°, 38%, 40%
HSV	305°, 55%, 55%
XYZ	17.0651, 10.9390, 23.7663
YIQ	94.4160, 23.6970, 38.6170

Conversions

Conversions Part 2

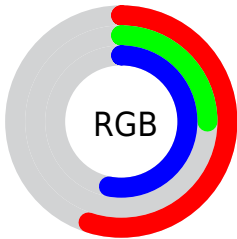
Format	Color
R _{YB}	141, 63, 134
Decimal	9256838
CIE _{Lab}	39.48, 42.94, -24.77
CIE _{LCh}	39, 49.576, 330.026
Yxy	10.9390, 0.3296, 0.2113
Android (android.graphics.Color)	4287446918 (0xFF8D3F86)
YUV	94.4160, 19.5149, 40.8542
Hunter-Lab	33.0742, 34.2199, -19.4525

Details

The XYZ color **17.0651, 10.9390, 23.7663** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **12.6808, 20.5491, 9.0931**, and the grayscale version is **10.6895, 11.2462, 12.2471**.

A 20% lighter version of the original color is **37.7519, 27.3582, 50.3046**, and **5.6899, 2.8450, 8.6368** is the 20% darker color. If you saturate the color by 10%, you get **16.2943, 9.5375, 23.0766**, and if you desaturate by 10%, it is **18.0377, 12.7419, 24.5287**.

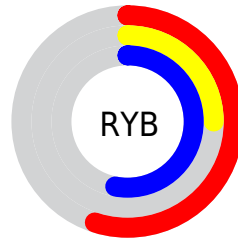
Distribution



Red (55%)

Green (25%)

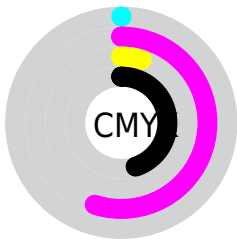
Blue (53%)



Red (55%)

Yellow (25%)

Blue (53%)

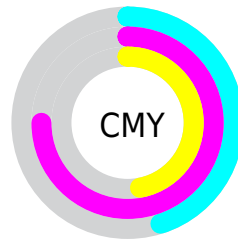


Cyan (0%)

Magenta (55%)

Yellow (5%)

Black (45%)



Cyan (45%)

Magenta (75%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0651, 10.9390, 23.7663 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 17.0651, 10.9390, 23.7663 by changing the saturation by 10% instead.

■ 17.0651, 10.9390,
23.7663

■ 17.0651, 10.9390,
23.7663

228.6962,
197.2486, 284.8852

■ 10.3765, 6.0258,
14.9498

■ 37.9804, 27.5473,
50.5876

■ 5.7135, 2.8608,
8.6379

■ 52.9378, 40.0112,
69.4295

■ 2.7106, 1.0595,
4.4122

■ 71.3822, 55.7609,
92.4501

■ 1.0027, 0.0000,
1.8541

■ 93.6789, 75.1806,
120.0682

■ 0.0000, 0.0000,
0.4633

■ 120.1933, 98.6549,
152.7022

■ 0.0000, 0.0000,
0.0000

151.2907,

126.5680, 190.7707

187.3366,
159.3045, 234.6922

■ 17.0651, 10.9390,
23.7663

■ 17.0651, 10.9390,
23.7663

■ 16.2943, 9.5375,
23.0766

■ 18.0377, 12.7419,
24.5287

■ 15.7085, 8.5048,
22.4536

■ 19.2250, 14.9727,
25.3678

■ 15.2904, 7.8055,
21.8917

■ 20.6400, 17.6572,
26.2881

■ 15.0147, 7.3895,
21.3824

■ 22.2945, 20.8188,
27.2934

■ 14.9037, 7.2304,
21.1517

■ 24.1992, 24.4795,
28.3875

■ 26.3646, 28.6596,
29.5737

■ 28.8002, 33.3784,
30.8553

■ 31.5153, 38.6544,
32.2354

■ 34.5184, 44.5049,
33.7169

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



13.9803, 10.9390, 36.2169



17.0651, 10.9390, 23.7663



18.2971, 10.9390, 11.9025

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.0651, 10.9390, 23.7663



10.3943, 10.9390, 1.3313



5.7432, 10.9390, 23.7890

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



17.0651, 10.9390, 23.7663



12.6808, 20.5491, 9.0931

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5.1786, 10.9390, 11.9190



17.0651, 10.9390, 23.7663



7.4855, 10.9390, 1.9953

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.0651, 10.9390, 23.7663



13.9742, 10.9390, 1.9928



5.7413, 10.9390, 4.8471



7.4895, 10.9390, 36.2343

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



17.0651, 10.9390, 23.7663



17.7331, 10.9390, 6.6278



5.7413, 10.9390, 4.8471



5.4282, 10.9390, 19.4448

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



17.0655, 10.9395, 23.7665



39.2826, 36.0516, 48.4961



9.0757, 6.7623, 26.0265



8.6572, 7.8289, 10.7617



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.0655, 10.9395, 23.7665



28.9334, 16.6390, 41.0822



14.8509, 10.0537, 12.1045



5.6057, 5.5028, 6.6875



13.5922, 6.5939, 19.3019



0.1339, 0.0646, 0.2054

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.0655, 10.9395, 23.7665



28.9334, 16.6390, 41.0822



14.3087, 21.2003, 17.6658



5.6057, 5.5028, 6.6875



13.5922, 6.5939, 19.3019



0.1339, 0.0646, 0.2054

Previews

White Background



This preview shows how the XYZ color 17.0651, 10.9390, 23.7663 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.0651, 10.9390, 23.7663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

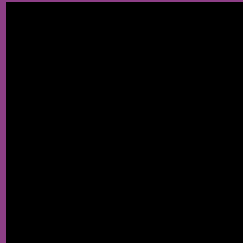
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.0651, 10.9390, 23.7663

Background



This preview shows how black text looks on a background with the XYZ color 17.0651, 10.9390, 23.7663.



This preview shows how white text looks on a background with the XYZ color 17.0651, 10.9390,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

17.0651, 10.9390, 23.7663

Protanopia

12.1787, 11.2467, 33.8767

Deuteranopia

11.2693, 11.0331, 22.3045



Tritanopia

14.0991, 10.9290, 9.3490

Trichromacy



Original Color

17.0651, 10.9390, 23.7663

Protanomaly

12.8814, 10.3819, 29.7588

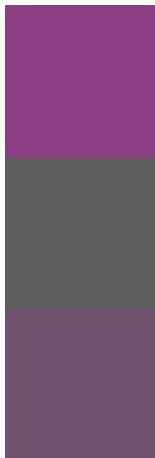
Deuteranomaly

12.6327, 10.4071, 22.8157

Tritanomaly

14.9187, 10.7644, 13.6034

Monochromacy



Original Color

17.0651, 10.9390, 23.7663

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.4091, 10.6701, 15.8735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0651, 10.9390, 23.7663 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(141, 63, 134)` looks like.

```
.text, #text, p{  
    color:rgb(141, 63, 134)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(141, 63, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 63, 134) }
```

Border

The CSS property to change the border of an element to XYZ 17.0651, 10.9390, 23.7663 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(141, 63, 134) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(141, 63, 134) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(141, 63, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 63, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 63, 134);  
box-shadow:4px 4px 4px 4px rgb(141, 63,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0651, 10.9390, 23.7663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 63, 134) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(141, 63,  
134) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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